

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082420\
 Data File : VV018083.D
 Acq On : 24 Aug 2020 12:30
 Operator : SY/MD
 Sample : L3789-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 25 01:12:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 25 01:10:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	271107	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	266852	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	131016	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	96227	46.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.04%
7) Chloroethane-d5	1.58	69	84108	49.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.12	63	142888	36.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.22%
21) 2-Butanone-d5	3.90	46	120486	88.93	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.93%
24) Chloroform-d	4.38	84	176595	46.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.06	65	118607	48.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.00%
32) Benzene-d6	5.08	84	361310	49.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.26%
36) 1,2-Dichloropropane-d6	6.09	67	115460	48.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.04%
41) Toluene-d8	7.34	98	316305	47.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.66%
43) trans-1,3-Dichloropropene-	7.64	79	54542	50.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.04%
47) 2-Hexanone-d5	8.11	63	61903	80.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.23%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	138231	44.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.30%
64) 1,2-Dichlorobenzene-d4	11.65	152	133052	51.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

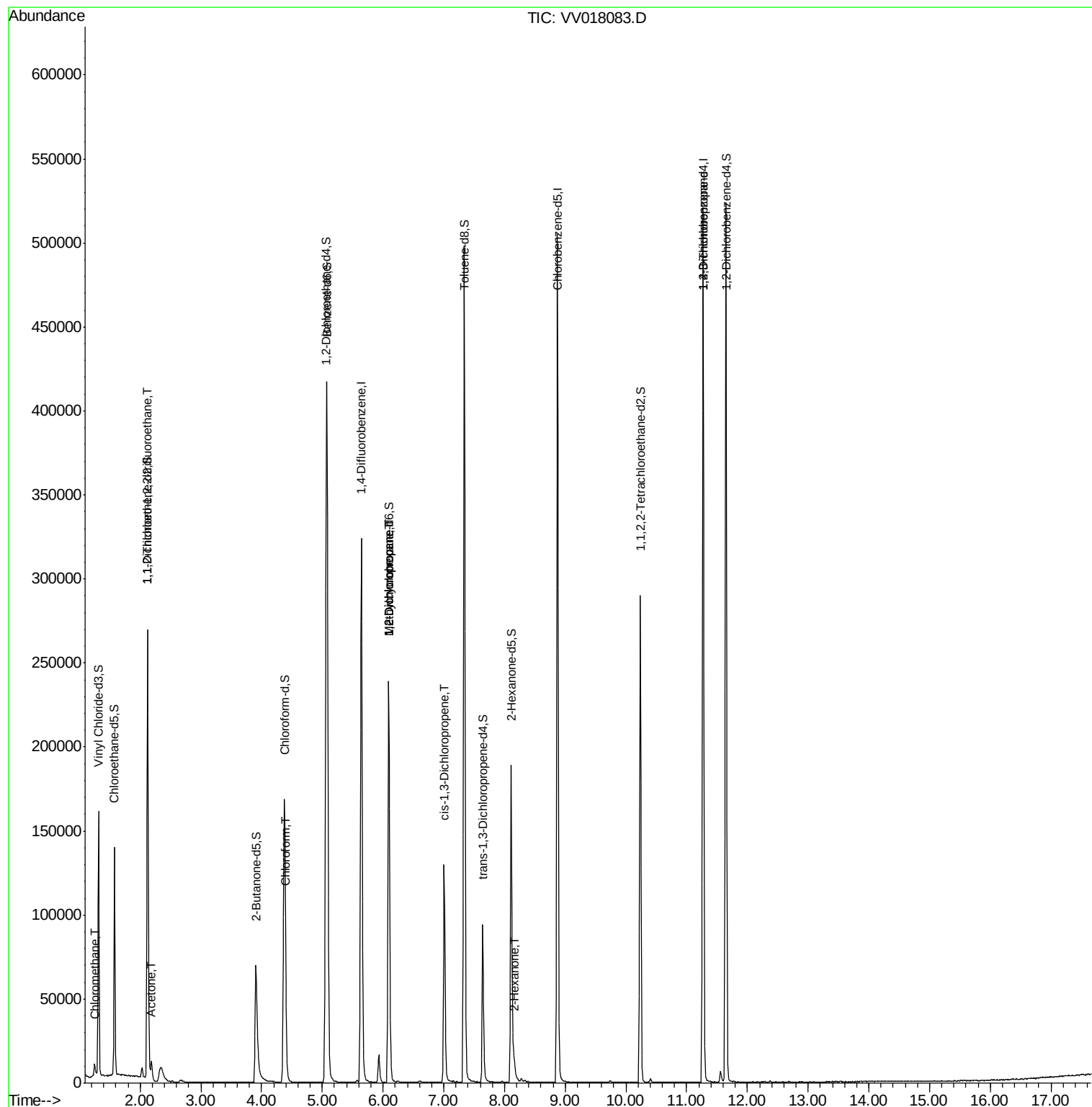
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	3837	1.578	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1234	0.642	ug/L #	20
13) Acetone	2.18	43	11900	8.504	ug/L	97
25) Chloroform	4.41	83	4657	1.215	ug/L	84
35) Methylcyclohexane	6.09	83	27335	8.424	ug/L #	16
37) 1,2-Dichloropropane	6.09	63	13024	5.785	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3328	1.043	ug/L #	77
48) 2-Hexanone	8.16	43	6521	2.748	ug/L #	75
59) 1,2,3-Trichloropropane	11.27	75	15410	5.542	ug/L	93

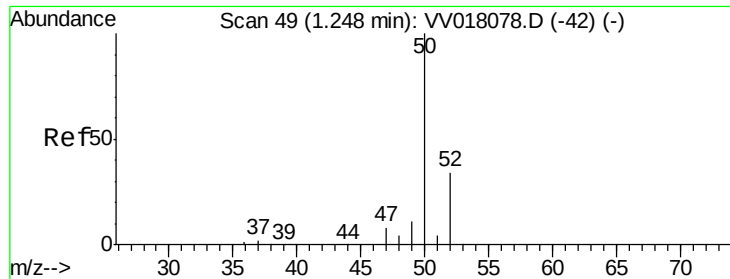
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 25 01:10:53 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 1.578 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV018083.D

Acq: 24 Aug 2020 12:30

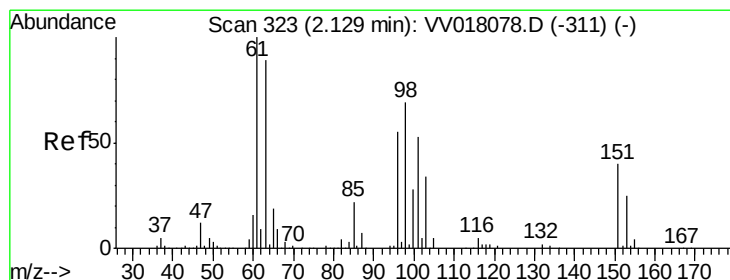
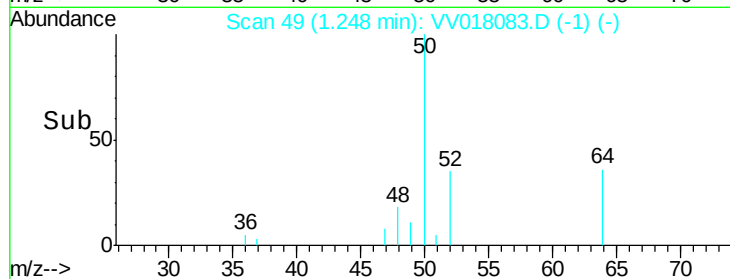
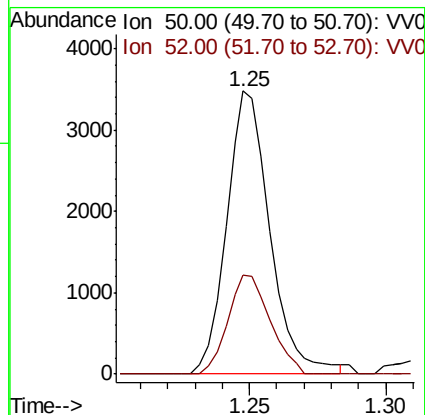
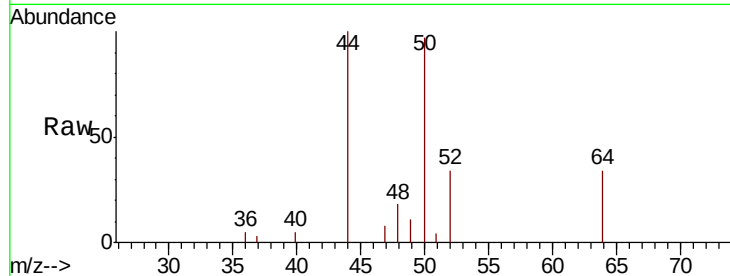
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 3837

Ion Ratio Lower Upper

50 100

52 35.2 23.2 43.2



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.642 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018083.D

Acq: 24 Aug 2020 12:30

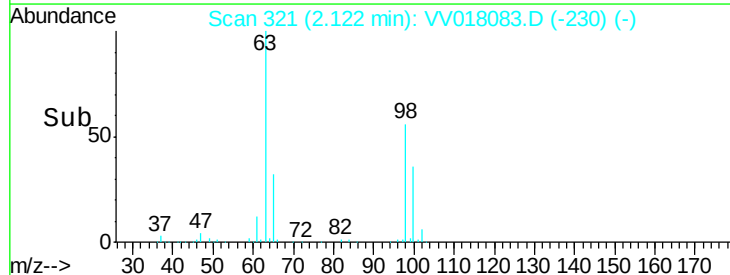
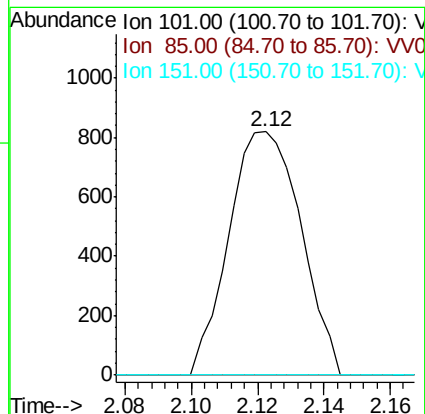
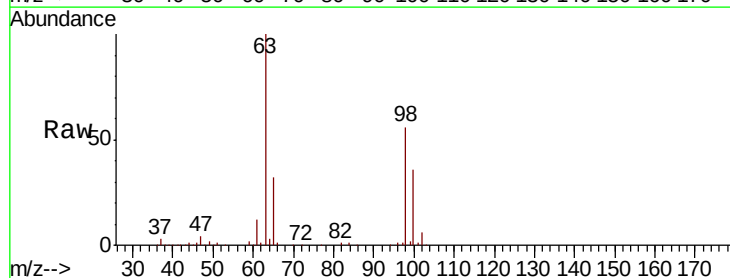
Tgt Ion: 101 Resp: 1234

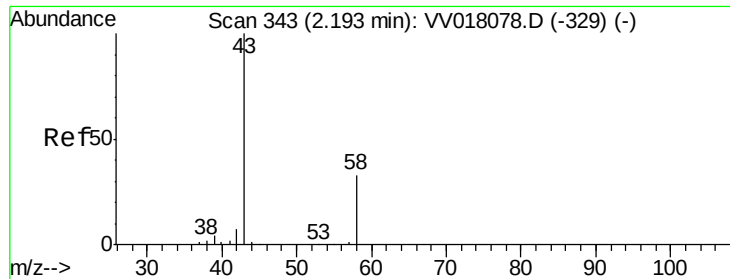
Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

151 0.0 59.1 88.7#





#13

Acetone

Concen: 8.504 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.01 min

Lab File: VV018083.D

Acq: 24 Aug 2020 12:30

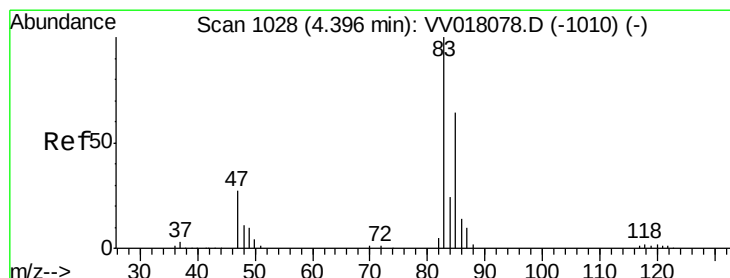
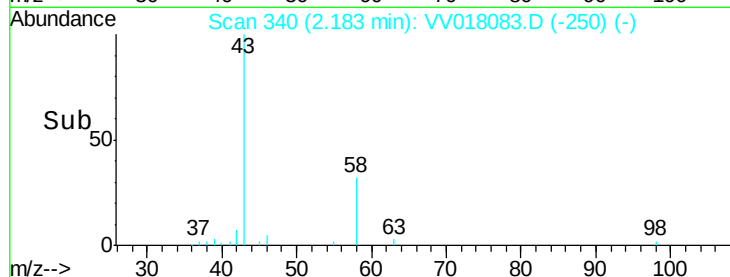
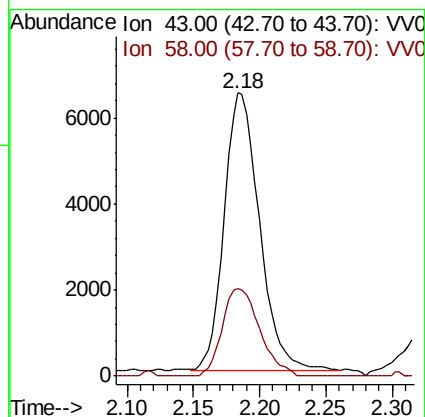
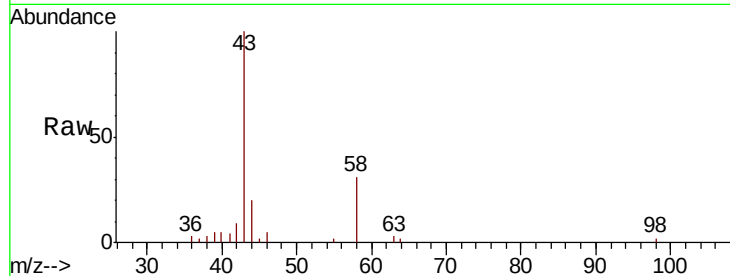
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 11900

Ion Ratio Lower Upper

43 100

58 33.6 0.0 63.6



#25

Chloroform

Concen: 1.215 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VV018083.D

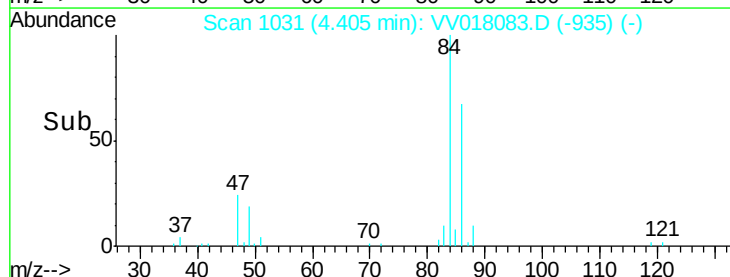
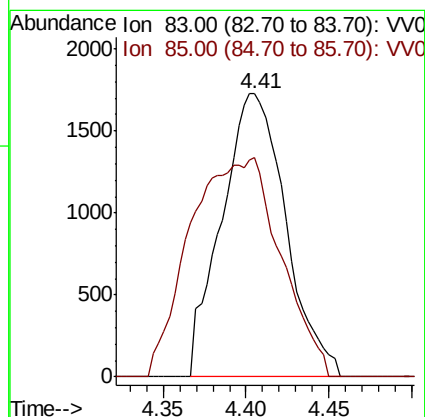
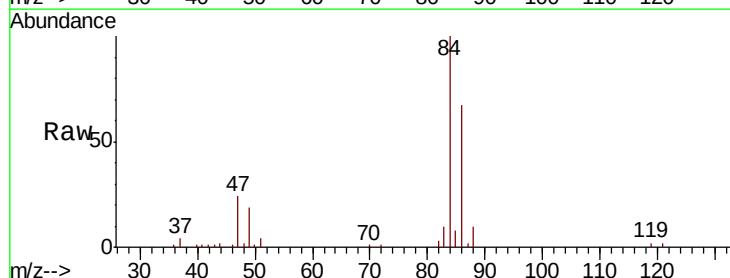
Acq: 24 Aug 2020 12:30

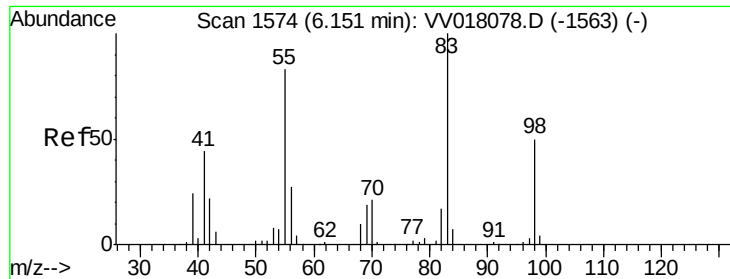
Tgt Ion: 83 Resp: 4657

Ion Ratio Lower Upper

83 100

85 77.5 45.5 84.5

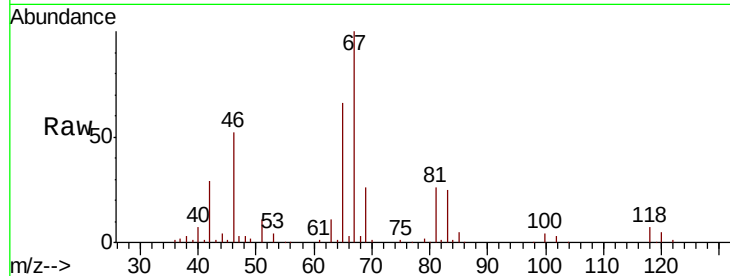




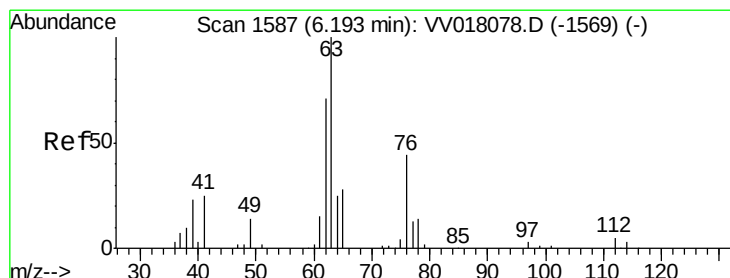
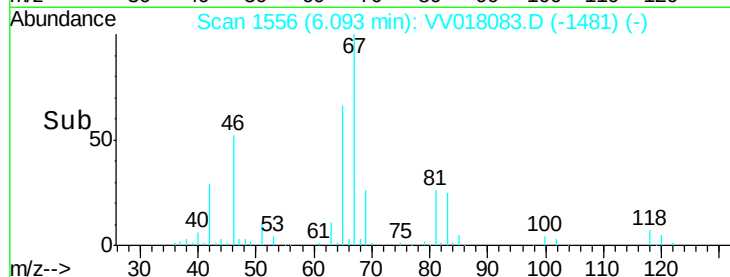
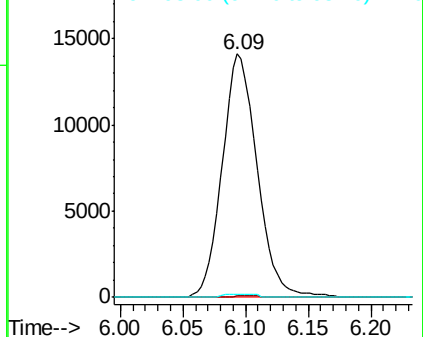
#35
Methvlcvclohexane
Concen: 8.424 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018083.D
Acq: 24 Aug 2020 12:30

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 27335
Ion Ratio Lower Upper
83 100
55 0.0 64.9 97.3#
98 0.4 38.7 58.1#

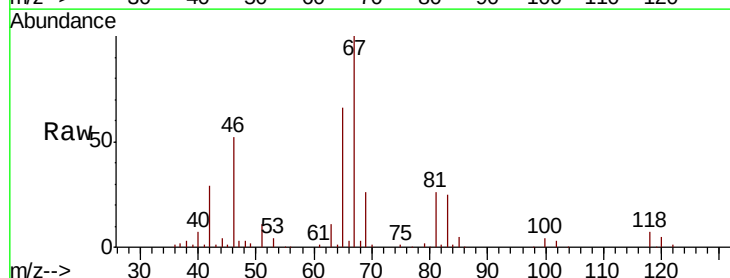


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

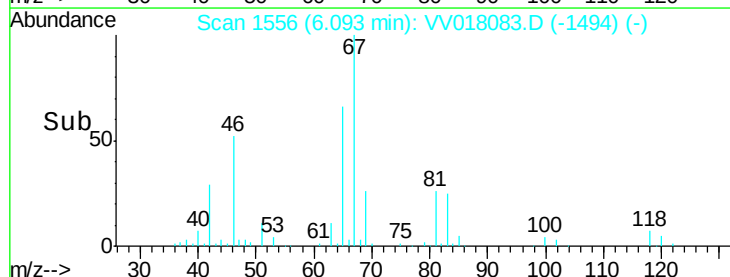
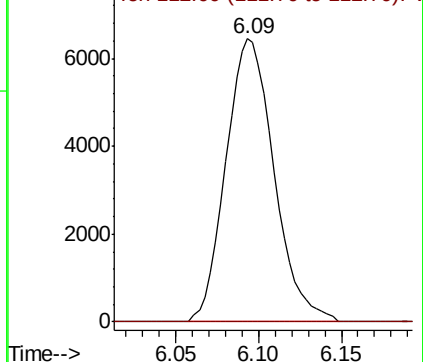


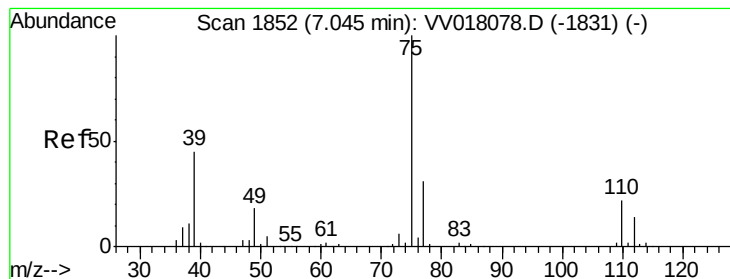
#37
1,2-Dichloropropane
Concen: 5.785 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV018083.D
Acq: 24 Aug 2020 12:30

Tgt Ion: 63 Resp: 13024
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V





#39

cis-1,3-Dichloropropene

Concen: 1.043 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV018083.D

Acq: 24 Aug 2020 12:30

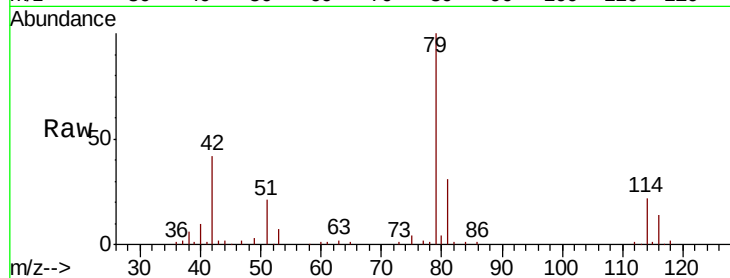
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 75 Resp: 3328

Ion Ratio Lower Upper

75 100

77 44.5 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

7.01

2000

1500

1000

500

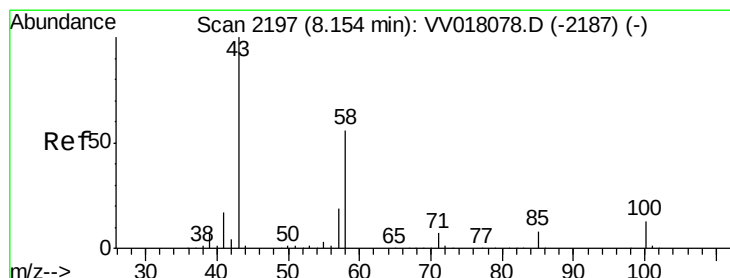
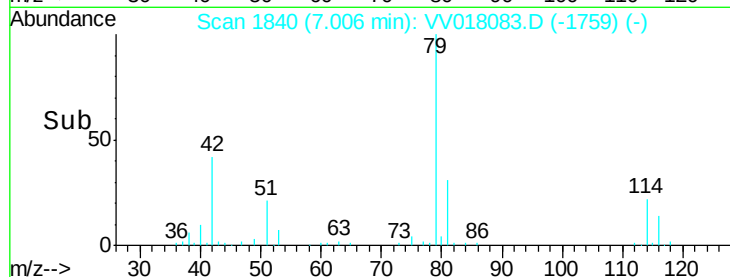
0

6.95

7.00

7.05

Time-->



#48

2-Hexanone

Concen: 2.748 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV018083.D

Acq: 24 Aug 2020 12:30

Tgt Ion: 43 Resp: 6521

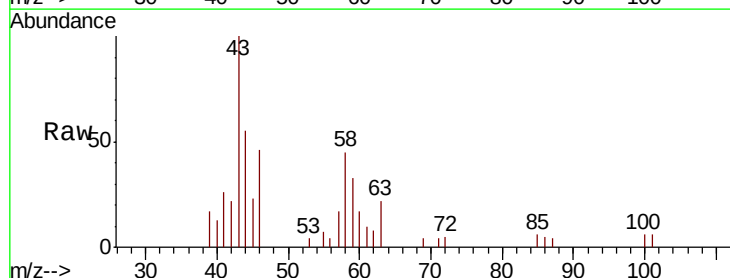
Ion Ratio Lower Upper

43 100

58 37.6 44.4 66.6#

57 7.5 15.2 22.8#

100 2.0 9.8 14.6#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0

6000

4000

2000

0

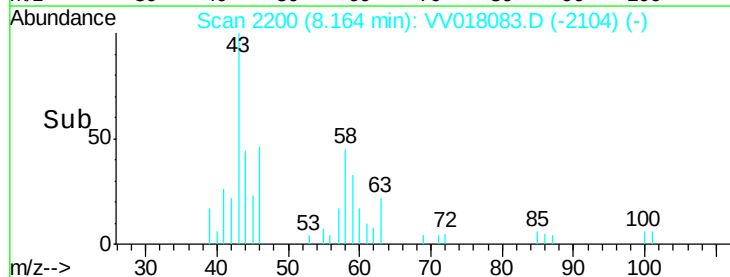
8.10

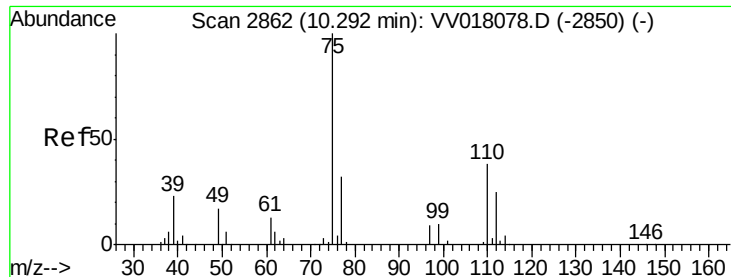
8.15

8.20

8.25

Time-->





#59

1,2,3-Trichloropropane

Concen: 5.542 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018083.D

Acq: 24 Aug 2020 12:30

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 15410

Ion Ratio Lower Upper

75 100

77 36.0 25.7 38.5

